



Positive Lock | Mark I, Positive Lock 250

TE Internal #: 880645-6

Receptacle, 17 – 13 AWG Wire Size, 1.03 – 2.62 mm² Wire Size,
Mating Tab Width 6.35 mm [.25 in], Straight, Brass, Positive Lock
250, Quick Disconnects

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Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **1.03 – 2.62 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	21.3 mm[.838 in]
Compatible Insulation Diameter Range	2.7 – 4 mm[.106 – .157 in]
Wire Size	1.03 – 2.62 mm²

Usage Conditions

Insulation Option	Uninsulated
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Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	1300
Packaging Method	Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part



numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 626580-1 PL 250 REC 1.0-2.5 MM2 0.35X 26.54 BR	 TE Part # 626580-2 PL 250 REC 1.0-2.5MM2 0.35X26.54 TPPHBZ	 TE Part # 2266511-2 OCEAN_2.0_Applicator-S-110F160OV-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
 TE Part # 2836399-1 OCEAN_2.0_Applicator-S-042F070F-RSM	 TE Part # 2836399-2 OCEAN_2.0_Applicator-S-042F070F-RSA	 TE Part # 7-2266511-7 OCEAN_2.0_SPARE_PART_KIT-110F160OV	

Also in the Series | Mark I

 Automotive Housings(2)	 Automotive Terminals(4)	 Crimp Terminal Housings(24)	 Insertion & Extraction Tools(1)
 PCB Headers & Receptacles(20)	 Quick Disconnects(29)		

Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(190)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(185)

Customers Also Bought



TE Part #2232724-1
PTL GROUND TAB CONTACT, 16-19 AWG, 2X22



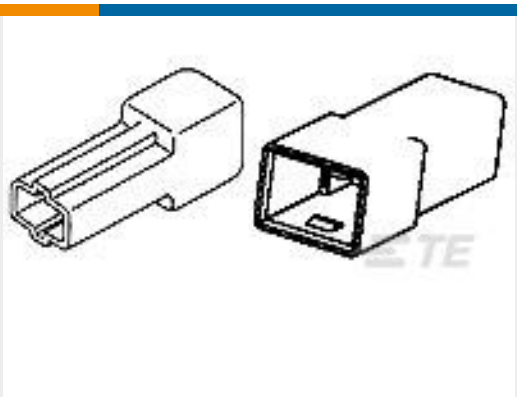
TE Part #172128-1
FF 250 REC HSG 1P NYLON NAT



TE Part #5-2232362-3
PTL MFBL 1X3 PLUG HSG GLW WIRE NAT



TE Part #444020-1
Timer Connector Housing



TE Part #880309-1
1 WAY FF 250 HOUSING TAB NYLON 6.6 NAT



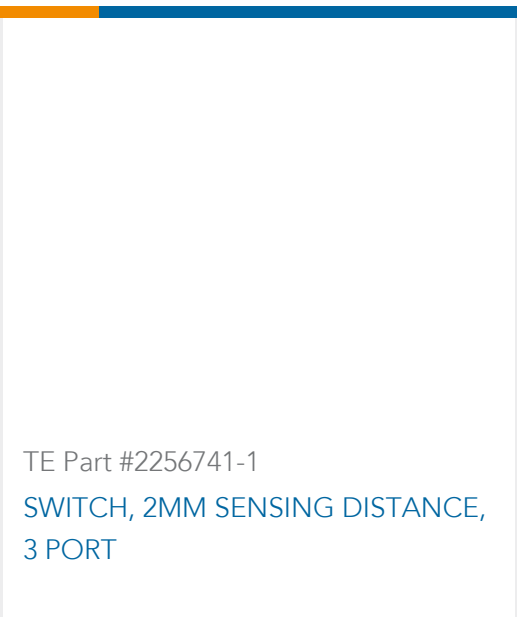
TE Part #626094-2
FF .250 REC 0.5 /1.0 MM2 0.32X19.3 TPBR



TE Part #626581-1
PL 250 REC 0.5-1.5 MM2 0.35X 26.54 BR



TE Part #880684-2
.140 DIA PIN



TE Part #2256741-1
SWITCH, 2MM SENSING DISTANCE, 3 PORT

Documents



Product Drawings

PL REC 1.0-2.5MM2 0.40 X 52.32 PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_880645-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_880645-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_880645-6_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English